



## GDSN Receiver Solution – GS1 3.1.27 Release (May 2024)

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## 1 Applying the Update

Before applying the changes, it is recommended to take a backup of your system. These import runs in **Single Update Mode**.

Below is the import sequence:

Import 1: 'Assets\_3.1.27\_STEPXML.xml'

Import 2: 'Configuration\_3.1.27\_STEPXML.xml'

### 1.1 Additional info

- 1) These configurations are in STEPXML format
- 2) Customers can use the standard Import Manager (File → Import → Data) to import these configurations.
- 3) No additional configurations/settings in the Import Wizards are required.
- 4) Asset STEPXML should be imported first and followed by Configuration STEPXML.
- 5) Please pay close attention to the comments provided in the respective areas (attributes, object types, etc) in this document.

## 2 GS1 Maintenance Release - 3.1.27 (May 2024)

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Full details for GDSN Maintenance Releases can be found @

<https://www.gs1.org/standards/gdsn/3-1-27>

To align with the 3.1.27 release, the following updates for the GDSN Receiver Solution are included via STEPXML import:

- Updated Assets
- New / Updated Transformation Lookup Tables
- New / Updated Attributes
- New / Updated LOVs
- New Object Types
- New Product Reference Types
- New Attribute Groups
- New / Updated GPC Hierarchy
- New Products
- Updated Inbound Mapping – Datapool Entity

### 3 Details of updates

#### 3.1 Updated Assets

BMS\_CIN  
BMS\_XSD

#### 3.2 New / Updated Transformation Lookup Tables

- CannabisPlantTypeCode\_GDS
- CarrierSubstanceTypeCode\_GDS
- CannabinoidContentCode\_GDS
- CannabinoidTypeCode\_GDS
- ExtractionProcessCode\_GDS
- FloweringTriggerCode\_GDS
- FlowerTrimmingMethodCode\_GDS
- GrowingLightConditionTypeCode\_GDS
- GrowingLightConditionTypeCode\_GDS
- MicrobiologicalOrganismStrainCode\_GDS
- PackagingClaimElementCode\_GDS
- PackagingClaimTypeCode\_GDS
- TradeItemGenderTypeCode\_GDS
- TerpeneTypeCode\_GDS
- RawMaterialCode\_GDS
- PackagingMaterialAdhesiveTypeCode\_GDS
- PackagingMaterialAdhesive\_GDS
- AdditionalTradeItemIdentificationTyp\_GDS
- ClaimElementCode\_GDS
- NutrientTypeCode\_GDS
- ReferencedFileTypeCode\_GDS
- PreparationTypeCode\_GDS
- PkgingMarkedLabelAccreditationCode\_GDS
- SustainabilityProgramCode\_GDS
- RVGParentLinkLookUps\_GDS

#### 3.3 New/Updated LOVs

- CannabisPlantTypeCodeLOV\_GDS
- CarrierSubstanceTypeCodeLOV\_GDS
- CannabinoidContentCodeLOV\_GDS
- CannabinoidTypeCodeLOV\_GDS
- ExtractionProcessCodeLOV\_GDS
- FloweringTriggerCodeLOV\_GDS

- FlowerTrimmingMethodCodeLOV\_GDS
- GrowingLightConditionTypeCodeLOV\_GDS
- GrowingLightConditionTypeCodeLOV\_GDS
- MicrobiologicalOrganismStrainCodeLOV\_GDS
- PackagingClaimElementCodeLOV\_GDS
- PackagingClaimTypeCodeLOV\_GDS
- TradItemGenderTypeCodeLOV\_GDS
- TerpeneTypeCodeLOV\_GDS
- RawMaterialCodeLOV\_GDS
- PackagingMaterialAdhesiveTypeCodeLOV\_GDS
- PackagingMaterialAdhesiveLOV\_GDS
- AdditionalTradItemIdentifiTypeLOV\_GDS
- ClaimElementCodeLOV\_GDS
- NutrientTypeCodeLOV\_GDS
- ReferencedFileTypeCodeLOV\_GDS
- PreparationTypeCodeLOV\_GDS
- PackagingMarkedLabelAccreditationLOV\_GDS
- SustainabilityProgramCodeLOV\_GDS

### 3.4 New Attributes

ID	Comments
ConsumerProductVariantDescription_GDS	
ConsumerProductVariantStartEffeDtTm_GDS	
ConsumerProductVariantCancelledDtTm_GDS	
ConsumerProductVariantDiscontiDtTm_GDS	
ExtractionProcessCode_GDS	
GrowingLightConditionTypeCode_GDS	
GrowthCycle_GDS	
TradItemGenderTypeCode_GDS	
CuringMethodDescription_GDS	
FloweringTriggerCode_GDS	
FlowerTrimmingMethodCode_GDS	
CarrierSubstanceTypeCode_GDS	
DriedEquivalent_GDS	
ExtractionProcessCode_FnPIngreMod_GDS	
GrowingLightCondiTypCd_FnPIngreMod_GDS	
GrowthCycle_FnPIngreMod_GDS	
TradItemGenderTypeCode_FnPIngreMod_GDS	
CuringMethodDescription_FnPIngreMod_GDS	
FloweringTriggerCode_FnPIngreMod_GDS	

FlowerTrimmingMethodCod_FnPIngreMod_GDS	
CarrierSubstanceTypeCod_FnPIngreMod_GDS	
MicrobiologicalOrganismStrainCode_GDS	
IsDesignationIntendedForSingleUse_GDS	
CanMaterialsBeSeparatedManually_GDS	
NumberOfDesignationUnits_GDS	
RawMaterialContentPercentage_GDS	
RawMaterialCode_GDS	
DriedEquivalent_NonFoodIngreMod_GDS	
NumberOfPackagingElementUnits_GDS	
PackagingMaterialAdhesiveAmount_GDS	
PackagingMaterialAdhesiveSolubTypCd_GDS	
PackagingMaterialAdhesiveTypeCode_GDS	
PackagingClaimElementCode_GDS	
IsPackagingClaimMarkedOnPackage_GDS	
IsPackagingClaimRegulated_GDS	
PackagingClaimTypeCode_GDS	
CannabisCBDTypeCode_ProdInfoMod_GDS	
CannabinoidTypeCode_ProdInfoMod_GDS	
CannabinoidContentCode_GDS	
CannabinoidMaximumRangeValue_GDS	
CannabinoidMinimumRangeValue_GDS	
CannabisCommonName_GDS	
CannabisPlantTypeCode_GDS	
IsCannabisPlantAHybrid_GDS	
TerpeneTypeCode_GDS	
MaximumTerpeneContent_GDS	
MinimumTerpeneContent_GDS	

### 3.5 Updated Attributes

ID	Comments
GrowingMethodCodeIngredientFarming_GDS	Updated definition
GrowingMethodCodeTradeltemFarming_GDS	Updated definition
MaterialWeightMatMod_GDS	Updated definition
CannabisCBDTypeCode_GDS	Updated definition
PackagingMat_PackagingRawMaterialCod_GDS	Updated definition
PackagingMat_PackagingRawMatContPerc_GDS	Updated definition

### 3.6 New Object Types

- 1) GDS\_Root\_RawMaterialInformation
  - a. GDS\_RVG\_RawMaterialInformation
  
- 2) GDS\_Root\_PackagingClaims
  - a. GDS\_RVG\_PackagingClaims
  
- 3) GDS\_Root\_TobaccoCannabisInformation
  - a. GDS\_RVG\_TobaccoCannabisInformation
  
- 4) GDS\_Root\_CannabisInformation
  - a. GDS\_RVG\_CannabisInformation
  
- 5) GDS\_Root\_CannabinoidContentInformation
  - a. GDS\_RVG\_CannabinoidContentInformation
  
- 6) GDS\_Root\_CannabisPlantInformation
  - a. GDS\_RVG\_CannabisPlantInformation

### 3.7 New Product Reference Types

- GDS\_RawMaterialInformation
- GDS\_PackagingClaims
- GDS\_TobaccoCannabisInformation
- GDS\_CannabisInformation
- GDS\_CannabinoidContentInformation
- GDS\_CannabisPlantInformation

### 3.8 New Attribute Groups

- RawMaterialInformation\_GDS
- PackagingClaims\_GDS
- CannabisInformation\_GDS
- CannabinoidContentInformation\_GDS
- CannabisPlantInformation\_GDS
- TerpeneInformation\_GDS
- FarmingAndProcessingInfoFoodandBev\_GDS



### 3.9 New / Updated GPC Hierarchy

ID	Comments
12000000_GDS	Segment
12000000_GDS	Segment
53000000_GDS	Segment
78000000_GDS	Segment
75000000_GDS	Segment
64000000_GDS	Segment
70000000_GDS	Segment
79000000_GDS	Segment
81000000_GDS	Segment
80000000_GDS	Segment
91000000_GDS	Segment
11000000_GDS	Segment
99000000_GDS	Segment
71000000_GDS	Segment
94000000_GDS	Segment
12010000_GDS	Family
12010000_GDS	Family
53180000_GDS	Family
78020000_GDS	Family
75030000_GDS	Family
64010000_GDS	Family
70010000_GDS	Family
79010000_GDS	Family
81010000_GDS	Family
80010000_GDS	Family
91030000_GDS	Family
78030000_GDS	Family
75020000_GDS	Family
11010000_GDS	Family
99010000_GDS	Family
71010000_GDS	Family
94020000_GDS	Family
12010300_GDS	Class
12010300_GDS	Class
12010600_GDS	Class
53181500_GDS	Class
78020600_GDS	Class
75030100_GDS	Class
12010500_GDS	Class
12010700_GDS	Class

64010200_GDS	Class
70010100_GDS	Class
70011400_GDS	Class
70011500_GDS	Class
70011600_GDS	Class
70011300_GDS	Class
79010500_GDS	Class
81010300_GDS	Class
81010400_GDS	Class
81011200_GDS	Class
78021200_GDS	Class
81011600_GDS	Class
80011700_GDS	Class
81010100_GDS	Class
81011800_GDS	Class
91030200_GDS	Class
78030200_GDS	Class
12010400_GDS	Class
12010200_GDS	Class
12010100_GDS	Class
75020100_GDS	Class
11010300_GDS	Class
99010200_GDS	Class
71012400_GDS	Class
94023500_GDS	Class
91030900_GDS	Class
10000134_GDS	Brick
10000185_GDS	Brick
10000186_GDS	Brick
10000267_GDS	Brick
10000268_GDS	Brick
10000303_GDS	Brick
10000336_GDS	Brick
10000337_GDS	Brick
10000383_GDS	Brick
10000536_GDS	Brick
10000547_GDS	Brick
10000555_GDS	Brick
10000584_GDS	Brick
10000620_GDS	Brick
10001097_GDS	Brick
10001677_GDS	Brick
10001683_GDS	Brick
10001686_GDS	Brick
10001692_GDS	Brick

10001693_GDS	Brick
10001694_GDS	Brick
10001695_GDS	Brick
10001696_GDS	Brick
10001699_GDS	Brick
10001700_GDS	Brick
10001701_GDS	Brick
10001702_GDS	Brick
10001706_GDS	Brick
10001707_GDS	Brick
10001710_GDS	Brick
10001712_GDS	Brick
10001713_GDS	Brick
10001714_GDS	Brick
10001717_GDS	Brick
10001726_GDS	Brick
10001730_GDS	Brick
10001732_GDS	Brick
10001737_GDS	Brick
10001742_GDS	Brick
10001743_GDS	Brick
10001748_GDS	Brick
10001749_GDS	Brick
10001750_GDS	Brick
10001754_GDS	Brick
10001755_GDS	Brick
10001756_GDS	Brick
10001760_GDS	Brick
10002658_GDS	Brick
10003251_GDS	Brick
10003270_GDS	Brick
10003405_GDS	Brick
10005211_GDS	Brick
10005215_GDS	Brick
10005216_GDS	Brick
10005252_GDS	Brick
10005253_GDS	Brick
10005366_GDS	Brick
10005400_GDS	Brick
10005401_GDS	Brick
10005636_GDS	Brick
10005641_GDS	Brick
10005643_GDS	Brick
10005644_GDS	Brick
10005875_GDS	Brick
10006313_GDS	Brick

10006729_GDS	Brick
10006730_GDS	Brick
10006992_GDS	Brick
10006993_GDS	Brick
10006994_GDS	Brick
10008070_GDS	Brick
10008071_GDS	Brick
10008072_GDS	Brick
10008073_GDS	Brick
10008074_GDS	Brick
10008075_GDS	Brick
10008076_GDS	Brick
10008077_GDS	Brick
10008078_GDS	Brick
10008079_GDS	Brick
10008080_GDS	Brick
10008081_GDS	Brick
10008082_GDS	Brick
10008083_GDS	Brick
10008084_GDS	Brick
10008085_GDS	Brick
10008086_GDS	Brick
10008087_GDS	Brick
10008088_GDS	Brick
10008089_GDS	Brick
10008090_GDS	Brick
10008091_GDS	Brick
10008092_GDS	Brick
10008093_GDS	Brick
10008094_GDS	Brick
10008095_GDS	Brick
10008096_GDS	Brick
10008097_GDS	Brick
10008098_GDS	Brick
10008099_GDS	Brick
10008100_GDS	Brick
10008101_GDS	Brick
10008102_GDS	Brick
10008305_GDS	Brick
10008309_GDS	Brick
10008310_GDS	Brick
10008311_GDS	Brick
10008312_GDS	Brick
10008313_GDS	Brick
10008314_GDS	Brick
10008315_GDS	Brick

10008316_GDS	Brick
10008317_GDS	Brick
10008318_GDS	Brick
10008344_GDS	Brick
10008365_GDS	Brick
10008366_GDS	Brick
10008367_GDS	Brick
10008368_GDS	Brick
10008369_GDS	Brick
10008370_GDS	Brick
10008371_GDS	Brick
10008372_GDS	Brick
10008373_GDS	Brick
10008374_GDS	Brick
10008375_GDS	Brick
10008376_GDS	Brick
10008377_GDS	Brick
10008378_GDS	Brick
10008379_GDS	Brick
10008380_GDS	Brick
10008381_GDS	Brick
10008382_GDS	Brick
10008383_GDS	Brick
10008384_GDS	Brick
10008385_GDS	Brick
10008386_GDS	Brick
10008387_GDS	Brick
10008388_GDS	Brick
10008389_GDS	Brick
10008390_GDS	Brick
10008391_GDS	Brick
10008392_GDS	Brick
10008393_GDS	Brick
10008394_GDS	Brick
10008395_GDS	Brick
10008396_GDS	Brick
10008397_GDS	Brick
10008398_GDS	Brick
10008399_GDS	Brick
10008400_GDS	Brick
10008401_GDS	Brick
10008402_GDS	Brick
10008403_GDS	Brick
10008404_GDS	Brick
10008405_GDS	Brick
10008406_GDS	Brick

### 3.10 New Products

- GDS\_RVGMod\_MaterialModule
  - GDS\_Root\_RawMaterialInformation
  
- GDS\_RVGMod\_Packaging
  - GDS\_Root\_PackagingClaims
  
- GDS\_RVGMod\_ProductInformationModule
  - GDS\_Root\_TobaccoCannabisInformation
  - GDS\_Root\_CannabisInformation
  - GDS\_Root\_CannabinoidContentInformation
  - GDS\_Root\_CannabisPlantInformation

### 3.11 Updated Inbound Mappings - Datapool Entity

- DatapoolBMS\_01Format



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